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جامعة الزاوية للعلوم الطبية والتطبيقية
كلية / الطب البشري
الدفعة / الأولى
المجموعة / ج
القسم / العيون (عملي)

تدوينة محاضرة / Orbite (عملي)
للدكتور / محمد شلفيط
تدوينة وإعداد / محمد صالح العضيع

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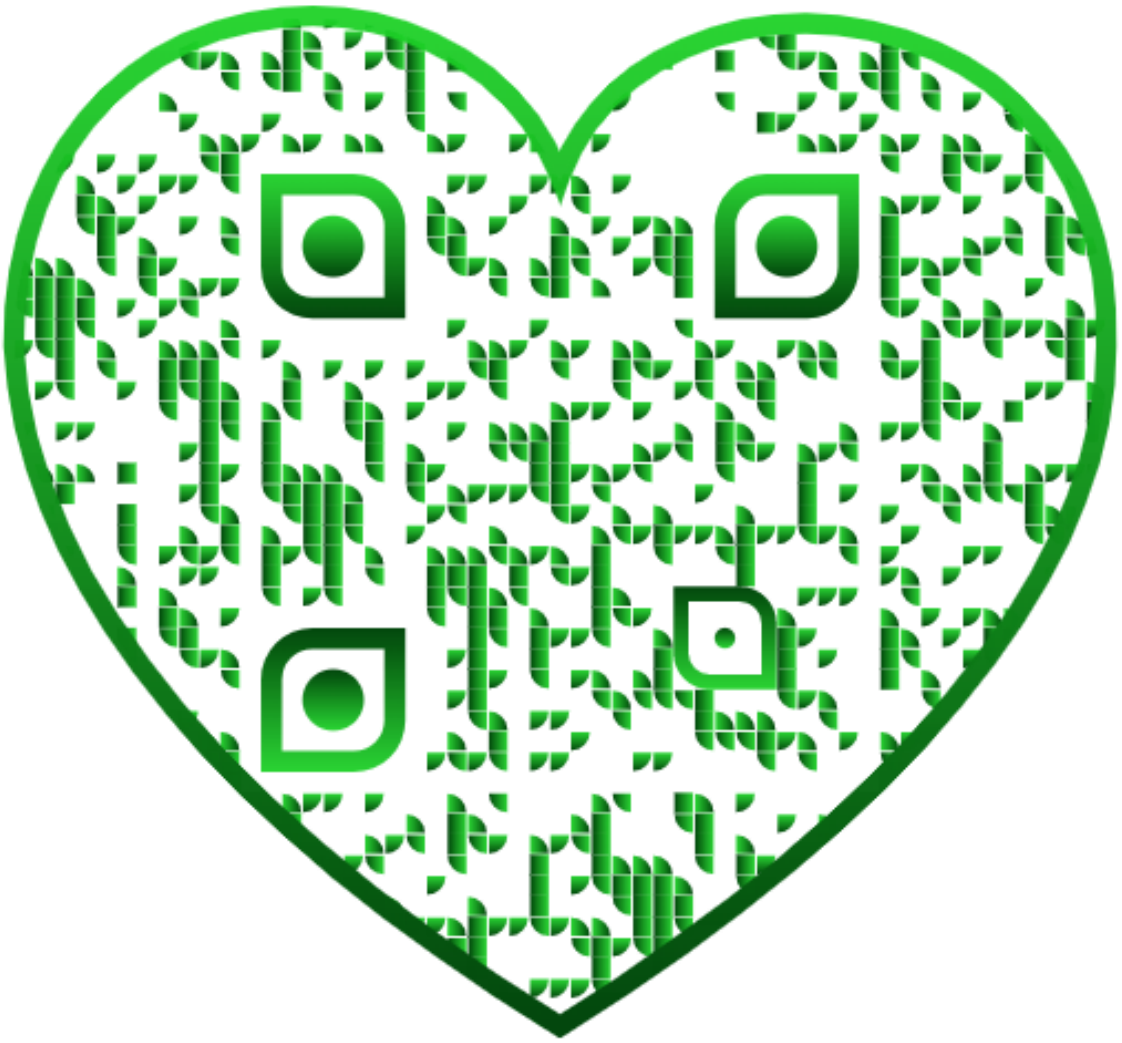

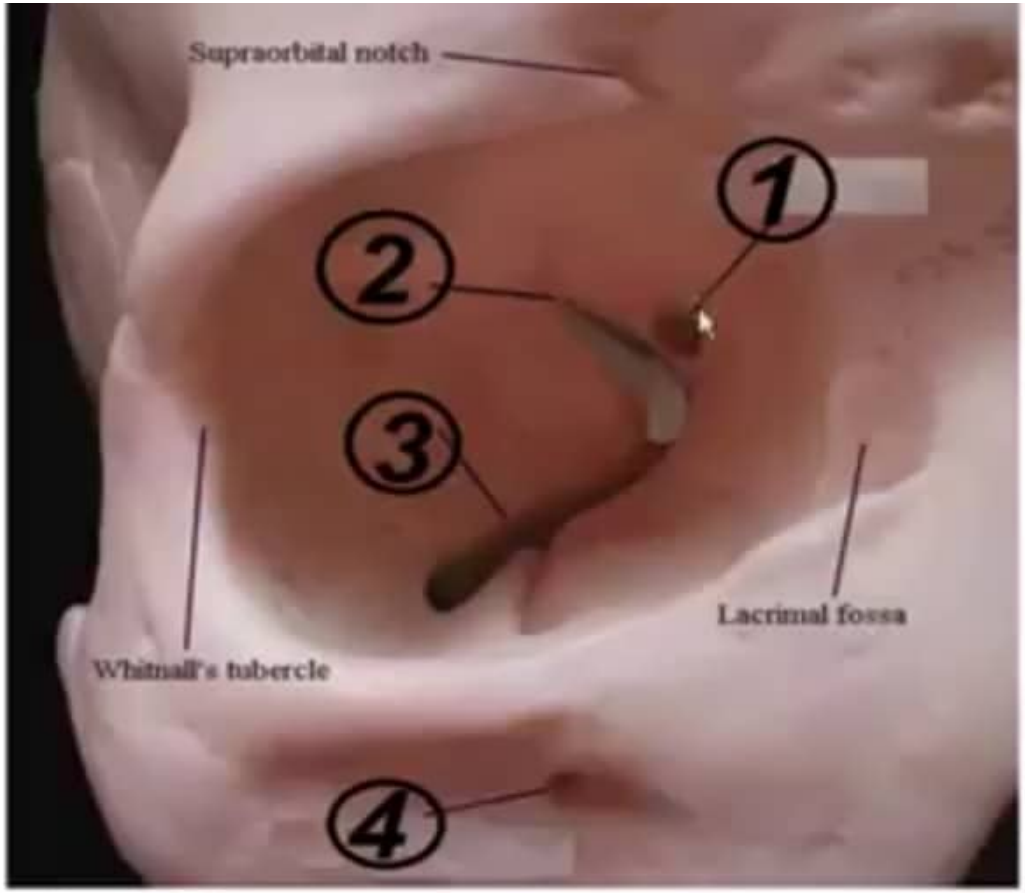

1

- What is the name of opening No.1?
- Mention nerve passing through the infraorbital foramen No.4?
- What is the nerve & artery that pass in opening No.3?
- What structures passing through the superior orbital fissure ?

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2

- What is the diagnosis ?
- Mention one serous complication that may arise if not treated quickly ?
- Mention two differential diagnoses?

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3

- Mention two differences between preseptal and orbital cellulitis ?
- Which one is more dangerous ?

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4

- What is the diagnosis?
- What is the ttt?

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- What is your diagnosis ?
- Tell the complication of such problem ?

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6

- What is the most likely diagnosis in this child ?
- Mention two differential diagnoses?

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- What is the diagnosis?
- How to investigate the case?

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8

❖What do you mean preseptal cellulitis ?

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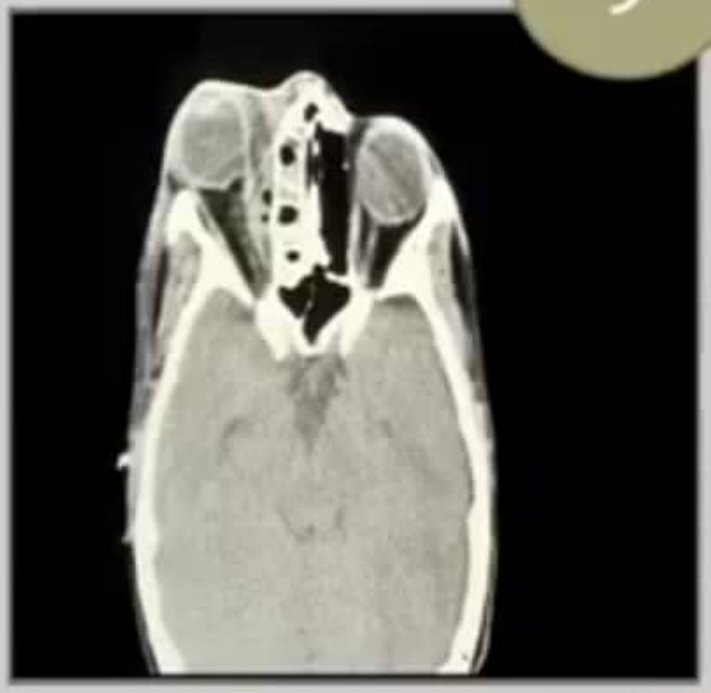
9



- What could be the diagnosis?
- Would you admit such pt to the hospital & why?

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- What is your diagnosis?
- Mention 2 or more causes?

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- What is the most common cause of exophthalmos?
- Part of the sclera superiorly is clear what you call it?

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- What is the most common cause of axial unilateral proptosis ?

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❖What you call the lid sign ?

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- What is the diagnosis?
- Mention 2 important investigations?

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- What disease can cause this condition?
- Mention two vision-threatening complications?

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- Mention 2 findings?
- What is the possible diagnosis?

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- Mention two clinical signs ?
- Enumerate two causes of loss of vision?

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- What is the abnormality seen?
- Which systemic disease is associated with it?

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- **Enumerate the eye lid signs of Dysthyroid eye disease?**

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- What do you call this condition?
- Mention 2 complication?

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- The diagnosis is .....
- The most important investigation is .....

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❖What are the indications of enucleation ?

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- What is the name of this operation ?
- Mention one indication ?

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- Mention 2 differential diagnosis?
- Mention a helpful investigation for such case?

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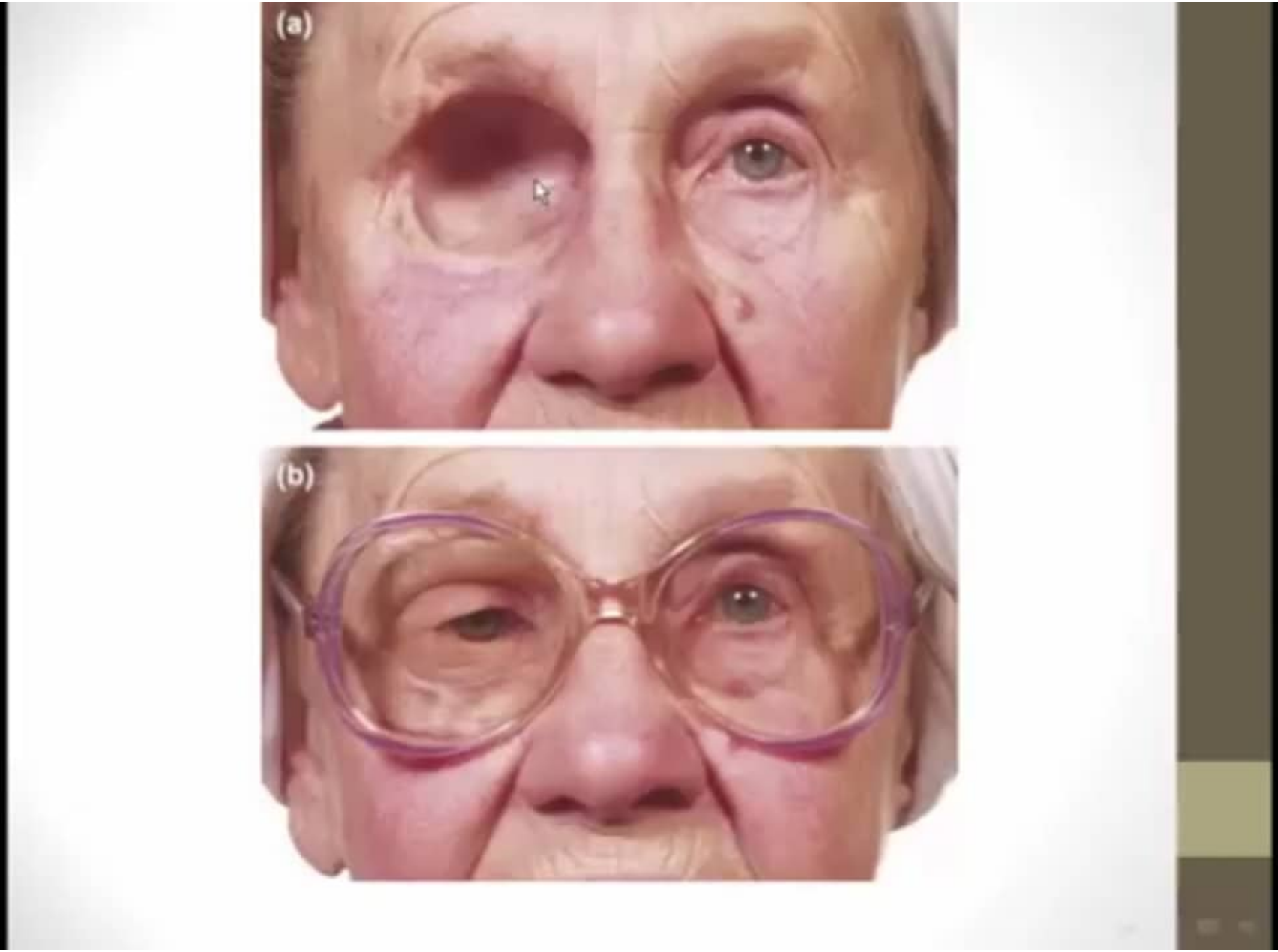

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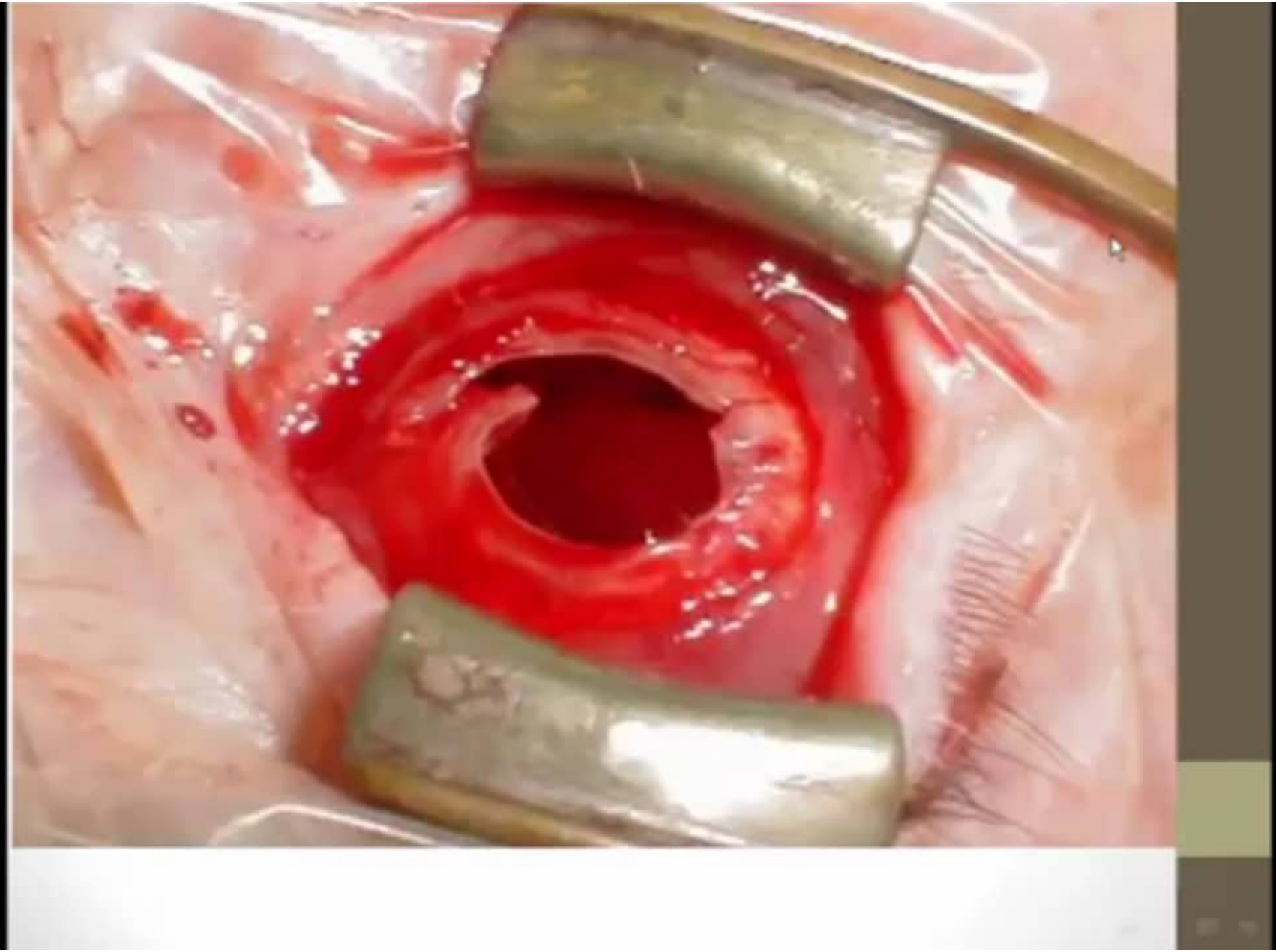

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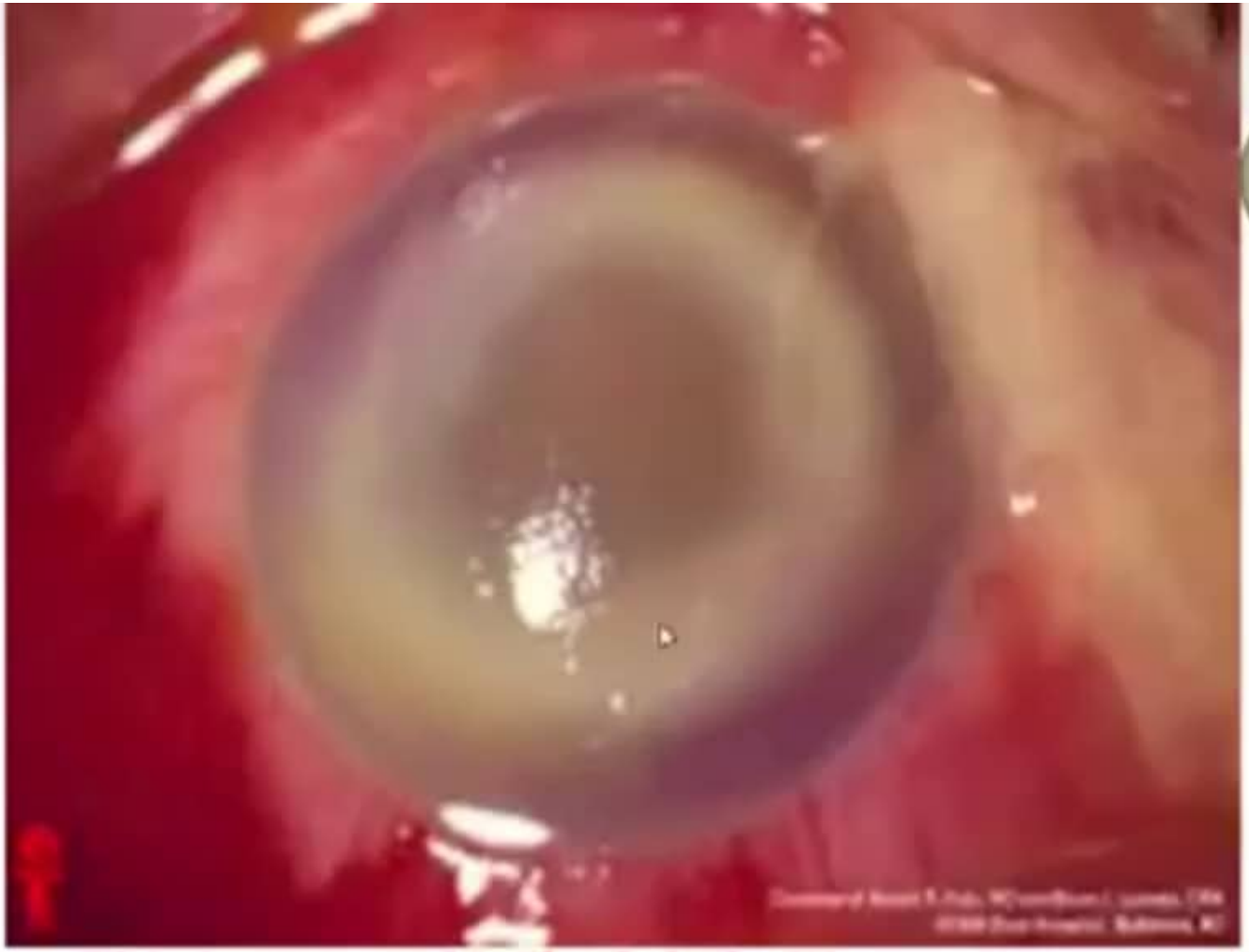

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This is a case of endophthalmitis,

- What kind of investigations should be done before treatment?

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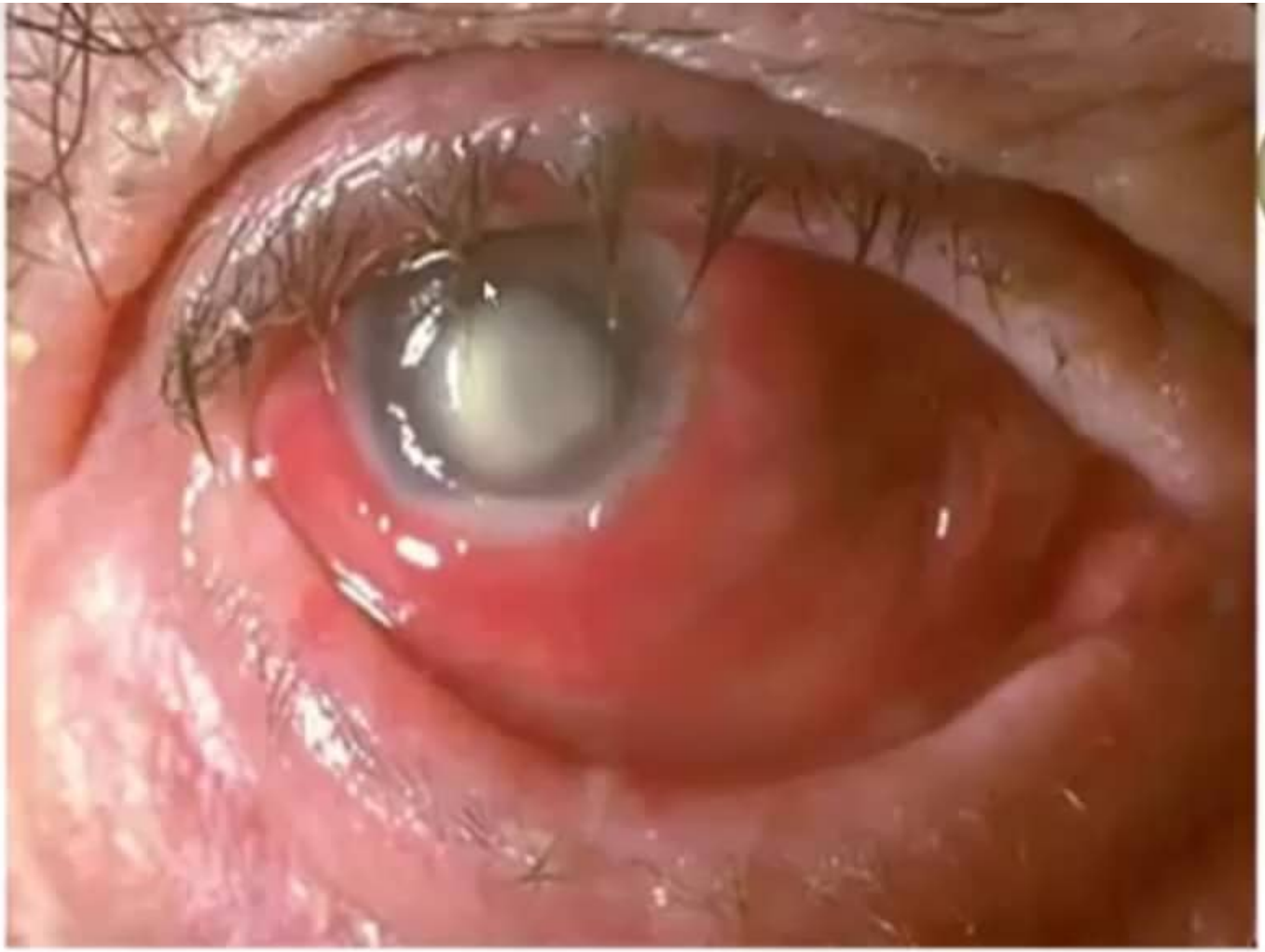

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❖How to manage a case of endophthalmitis ?

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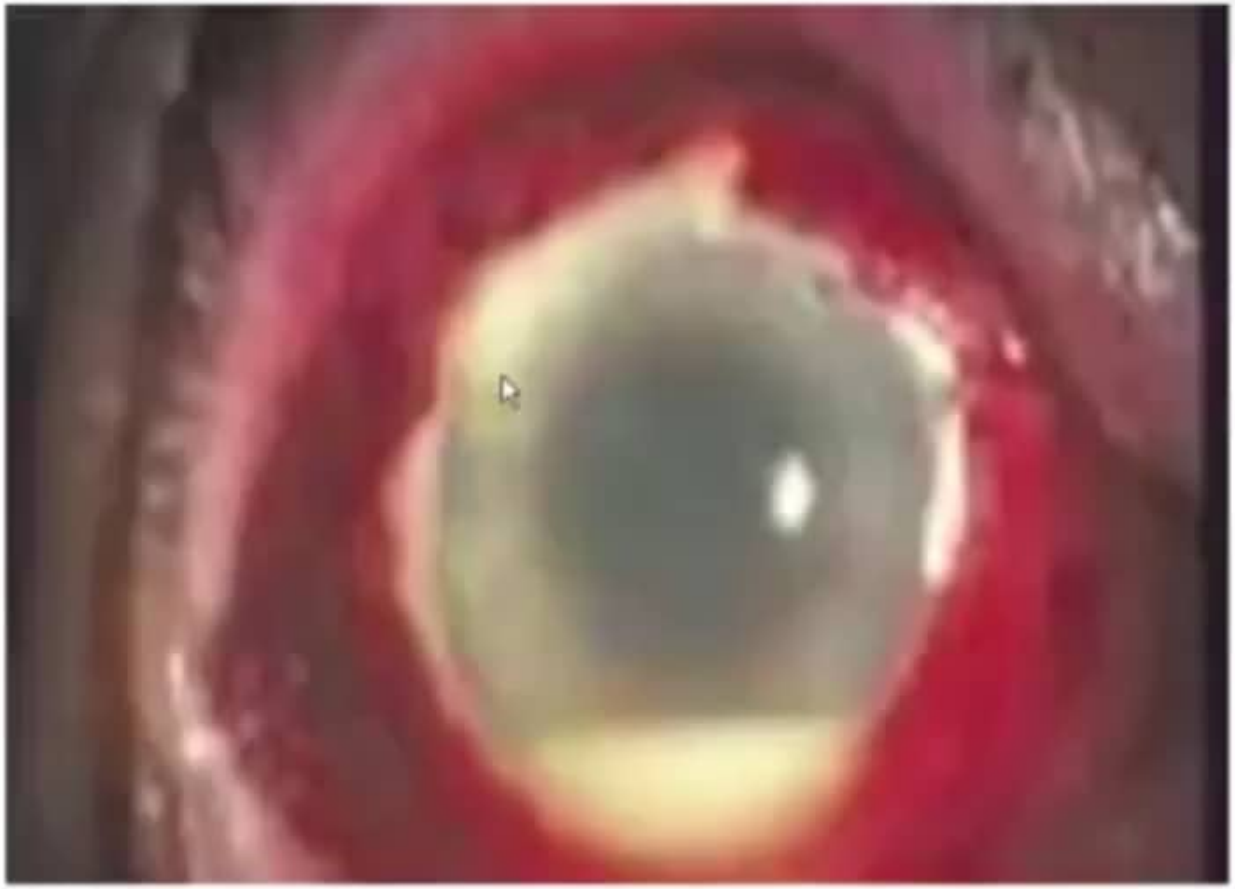

27

- What is the most likely diagnosis?
- Mention two causes?

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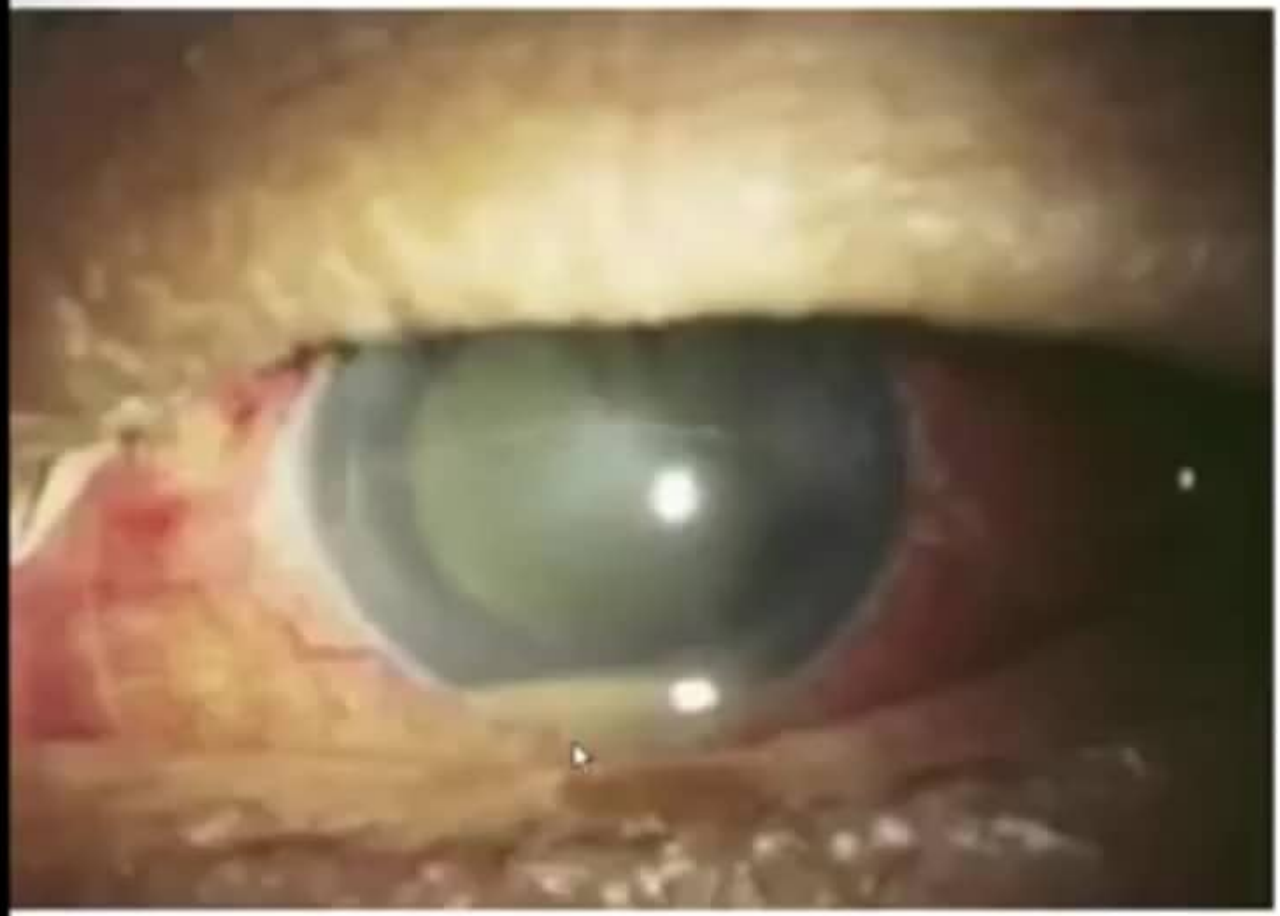
الممسوحة ضوئيا بـ CamScanner



- What is your diagnosis?
- Mention 3 different causes?

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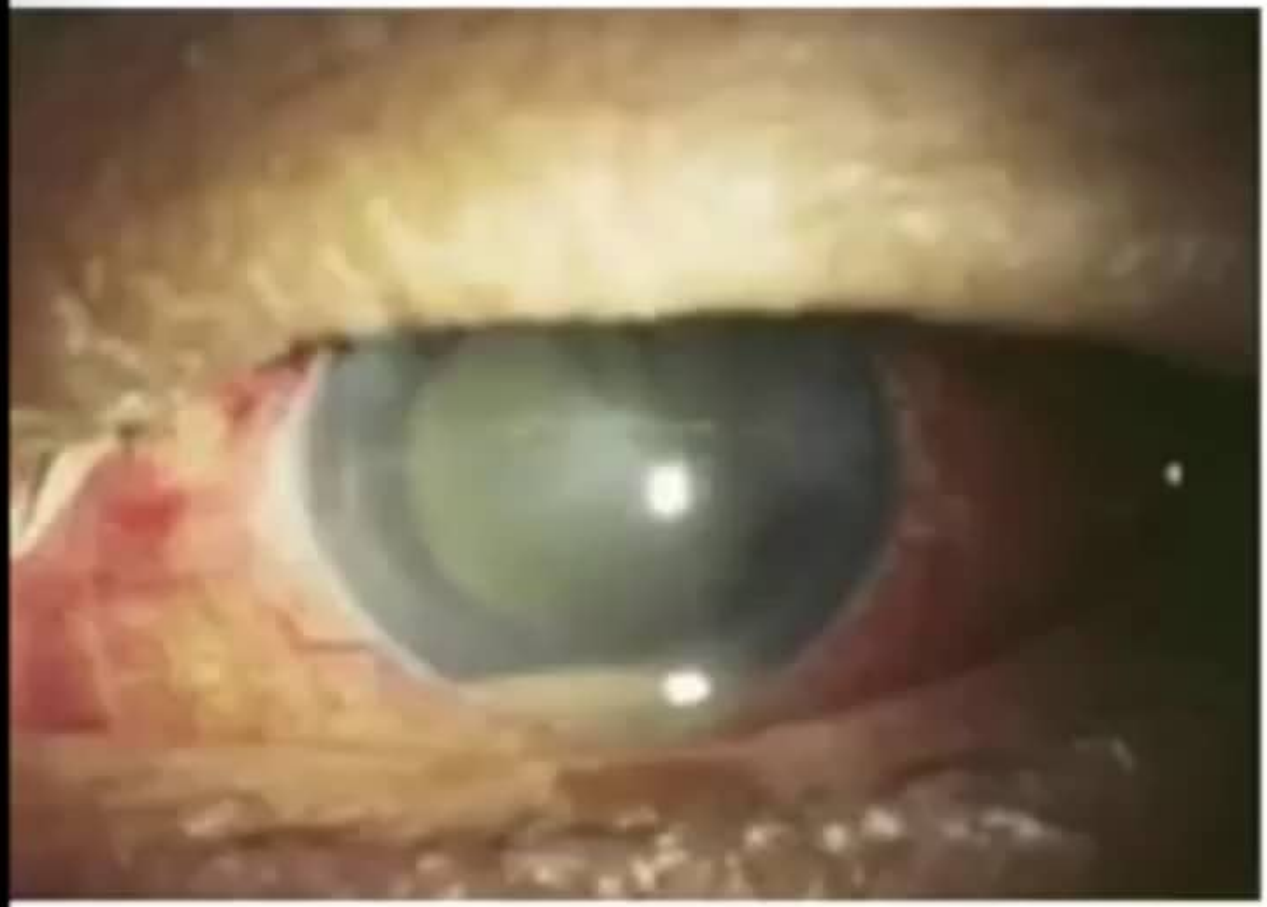

- What is the most important finding?
- Mention 2 differential diagnosis?

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- What is your finding?
- Discuss the management briefly?

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❖What are the most common organisms Causing this complication ?

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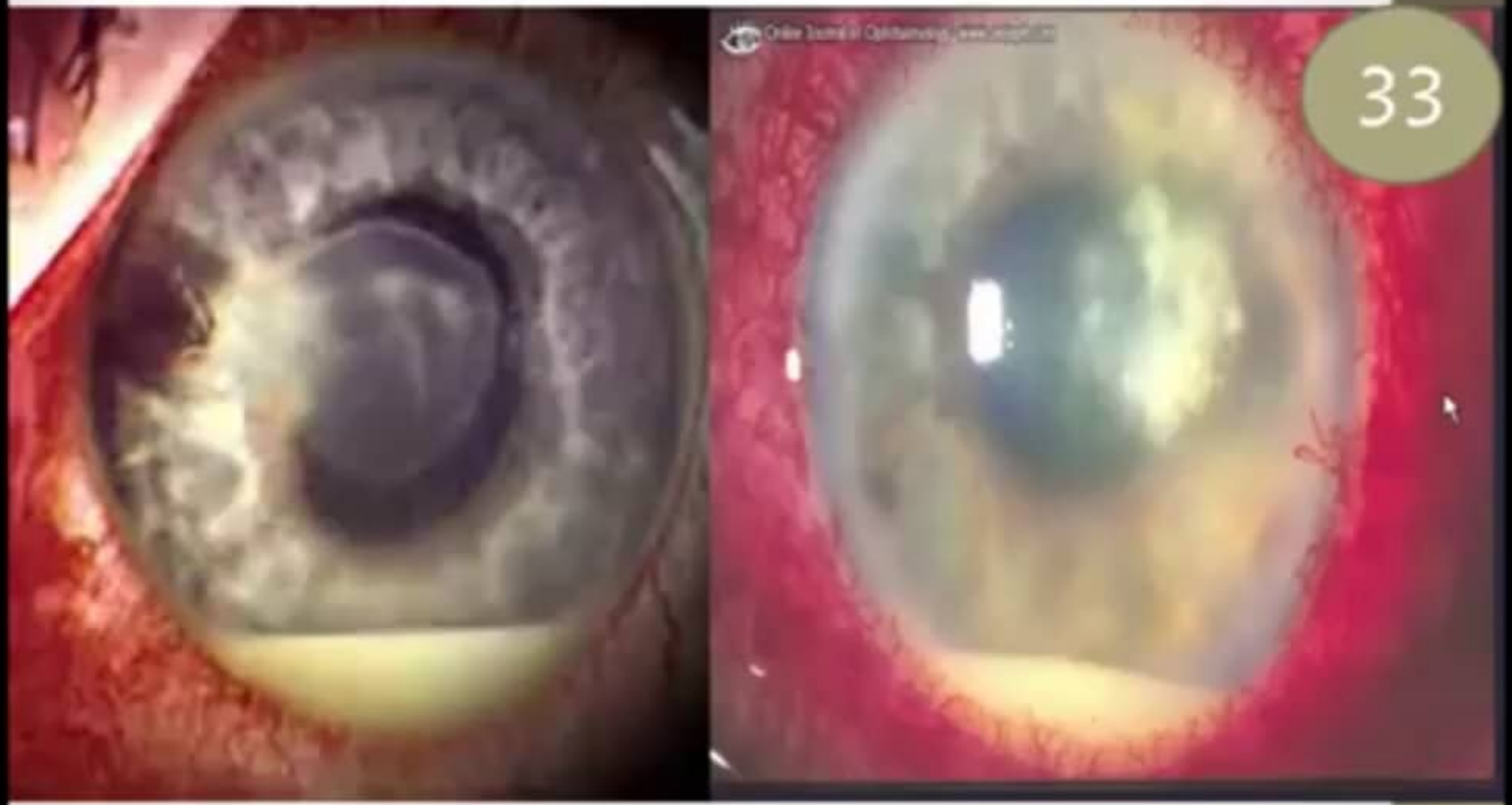

- What is the diagnosis ?
- What is the treatment ?

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- What is your diagnosis?
- What is the most likely cause?

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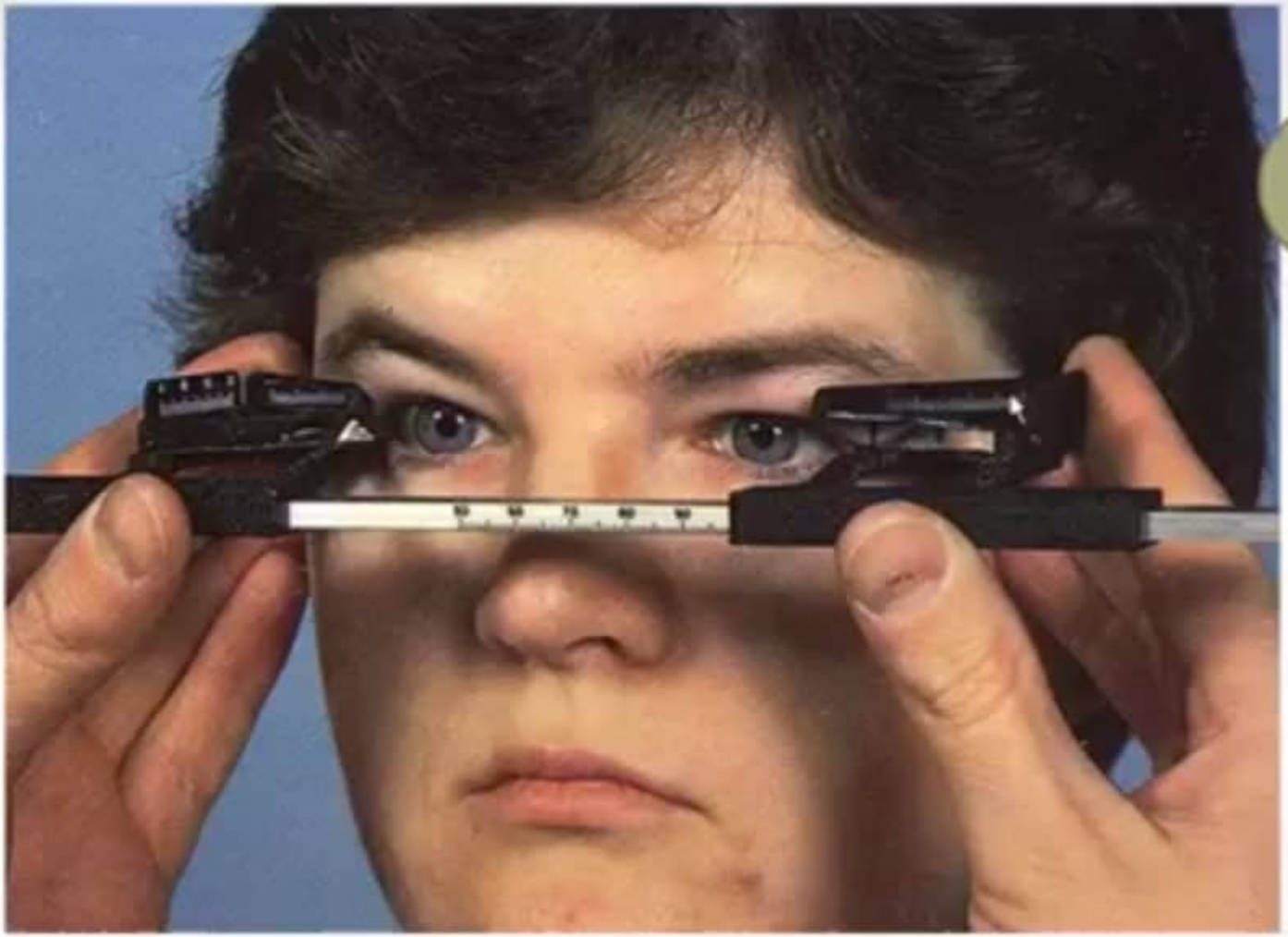

- What you call this instrument?
- it is used for .....

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36

- What is your diagnosis?
- Mention 3 causes?

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- What you call this sign?
- Which systemic disease associated with this sign?

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موضوع الدرس : Orbit

التاريخ : / / ٢٠ م

اليوم : .....

الموافق : / / ١٤ هـ

(1) • optic Canal

• ① inferior orbital artery

② " " Vein

③ " " nerve

• ① Maxillary branch of trigeminal nerve « Zygomatic n »

② Infra orbital nerve and artery.

③ Communcation between inferior ophthalmic Vein and pterygoid plexus.

• ① Three branches of ophthalmic division of trigminal n (Lacrimal n, Frontal n, naso-ciliary n)

② Superior ophthalmic Vein

③ 3rd, 4th and 6th Cranial nerve

④ inferior ophthalmic Vein.

⑤ Sympathetic root of ciliary ganglion.

(2) • Orbital Cellulitis

• Cavenous Venous thrombosis.

• ① enphthlamatis ② bulphthalmatis

(3)

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③ Orbital Cellulitis	Preseptal Cellulitis
elary:- the vision no affect	- the vision no affected
late:- affect the vision	- No proptosis, no
• proptosis, limited of	limited movement, no diplopia
movement, diplopia	

• Most dangerous :- orbital Cellulitis

④ • Orbital Cellulitis.

• 4A ① Admission ② Antibiotic
③ Aandgesic ④ Antipyritic

⑤ • Orbital Cellulitis.

• ① Menengitis ② Optic neuritis ③ Cavernous Venous thrombosis ④ brain abscesse ⑤ CRVO

⑥ • orbital Cellulitis.

• ① preseptal Cellulitis ② Endophthalmitis

⑦ • Orbital Cellulitis

• ① CBC (High) ② Lumber puncture (if there is menengitis)
③ blood culture (Bactria)
④ CT scan, MRI (to differand b/w preseptal, orbital Cellulitis

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(8) Preseptal Cellulitis :- is acute Supprative inflammation of eyelid and soft tissue anterior to orbital Septal

(9) • Orbital Cellulitis
• Yes, it's ophthalmic emergency.

(10) • Proptosis
• ① gravies diseases ② intra orbital tumor

(11) • E gravies disease
• lid retraction

(12) • gravies disease

(13) • Lid retraction

(14) • unilateral proptosis of right eye.
• ① thyroid function test ② orbital MRI, ST scan

(15) • giaves disease.
• ① optic neropathy ② Exposure keratitis

D.T.H

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16. ① lid retraction ② full dialted pupile ③ Oedema
- gravies disease.

17. ① lid retraction , ② Cataract
- ~~gravies~~ ① optic neropathy ② Exposure Keratitis

18. - Superior Lumbiokeratoconjunctivitis
- gravis disease

19. ① Lid retraction ② lid lag
③ infrequent blinking ④ Khore Sign

20. - gravis disease
- ① optic neuropathy ② Exposure keratitis

21. - gravis disease
- thyroid function test.

22. - ① to save the life as in intra-ocular tumor
② to save other eye as in Sympathtic ophthalmia
③ to reduce the pain as in absoulte glaucoma

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(23) • exentration (exe with eyelid)

N.B. enculation (eye without eyelid)

• Malignant intra-ocular tumor

• N.B :- Evisceration :- remove intraocular structure except Sclera

(24) • ① Retinoblastoma ② Rhabdomyosarcoma

• Orbital MRI and CT scan

(25) • ① CBC ② C-reactive Protein , SER

③ blood culture ④ Conjunctival Soap

(26) • ① Admission to hospital

② Aqueous and Vitrous taps.

③ When Visual acuity is HM or better do intensive AB

④ When vision is PL, do Pars plana, Vitrectomy

⑤ When Vision is No PL , do evisceration

2

N.B :- Endophthalmilis :- (Red eye , hypopon, Corneal edema)

(27) • Endophthalmitis

• ① Post operative as Catract Surgery , glaucoma surgery

② Corneal Perforation

③ Allergy to intraocular lens.

الواجب : .....

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(28) the same answer of 27

(29) the same answer of 27

(30) • Hypopoin
• ① Uveitis ② Keratitis ③ endophthalmatis

(31) • Hypopion , red eye , Corneal edema
• the same answer of 26

(32) • Staphylococcus aurus , Pnemococcus

(33) • Hypopoin ulcer
N.B. : Hypopion ulcer (Hypopion , Red eye , Corneal edema , Corneal opacity)
• ① Admission ② AB (all roat)

(34) • Hypopion ulcer
• Pnemococcus

(35) Hertel exophthalmometer (Normal 15-17 mm)
N.B. to detection of proptosis

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(36). Enophthalmos

- ① Orbital Cellulitis ② Senile enophalamitis
③ Blow out fracture

N.B. :- Enophthalmos is backward retraction of the eye ball into the orbit.

(37). (lid lag) → Corneal ulcer أخر قرحة

- gravis disease.

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